

Abstract of the Disclosure

There is provided an optical material obtained from an organic composition which is suitable for an optical material in optical communication and comprises a fluorine-containing polymer having functional group and a rare earth metal ion, in which the fluorine-containing polymer having functional group has at least one ketone structure in its side chain and a maximum absorption coefficient of not more than 1 cm^{-1} in each wavelength range of from 1,290 to 1,320 nm, from 1,530 to 1,570 nm and from 600 to 900 nm and the rare earth metal ion is at least one selected from the group consisting of erbium (Er) ion, thulium (Tm) ion, praseodymium (Pr) ion, holmium (Ho) ion, neodymium (Nd) ion, europium (Eu) ion, dysprosium (Dy) ion, samarium (Sm) ion and cerium (Ce) ion.